

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : **NEC CORP**

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(54) **DIGITAL RADIO TRANSMISSION SYSTEM**

(57)Abstract:

PURPOSE: To relieve the deterioration in the code transmission quality by decreasing the code transmission speed per carrier in a section having especially bad propagation condition among sections between intermediate relay stations.

CONSTITUTION: Relay stations 2~4 are provided between a sending end radio terminal station 1 and a receiving end radio terminal station 5. In a section between relay stations 3, 4 having especially worse propagation condition than that of other sections, the quadruple phase modulation (4PSK) system is adopted to an active line only, and the 16-value orthogonal amplitude modulation (16QAM) system is adopted to the active line and the standby line of the other section and the standby line in the relevant section so as to relieve especially much deterioration in the code transmission characteristic in the section.

